

CLIPPEDIMAGE= JP405094818A
PAT-NO: JP405094818A
DOCUMENT-IDENTIFIER: JP 05094818 A
TITLE: BATTERY POSITIVE ELECTRODE SHEET AND ITS
MANUFACTURE

PUBN-DATE: April 16, 1993

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APPL-NO: JP03273915

APPL-DATE: October 1, 1991

INT-CL (IPC): H01M04/02; H01M004/04 ; H01M004 60

ABSTRACT:

PURPOSE: To provide a battery positive electrode sheet which can be applied to a battery having a high energy density and the like, with a high utilizing efficiency of positive electrode, and of an easy manufacturing method.

CONSTITUTION: In a high polymer solid electrolyte mainly of a phase-separated high polymer matrix and a metallic salt electrolyte, including a high polymer and/or an interface activator soluble to the water and/or a polar solvent, as the stabilizer of them, the minute particles of a battery positive electrode active material and an electron conductor are dispersed to form a battery positive electrode sheet. And as its manufacturing method,

from a dispersed solution of the high polymer minute particles including the battery positive electrode active material and the electron conductor in the water and/or the polar solvent including the stabilizer (in this case, a metallic salt may be included in the dispersed solution), the water and/or the polar solvent are removed to form a high polymer matrix, and then, the water and/or the polar solvent, or the metallic salt electrolyte are impregnated. Consequently, a safe solid battery with no liquid leaking can be obtained.

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